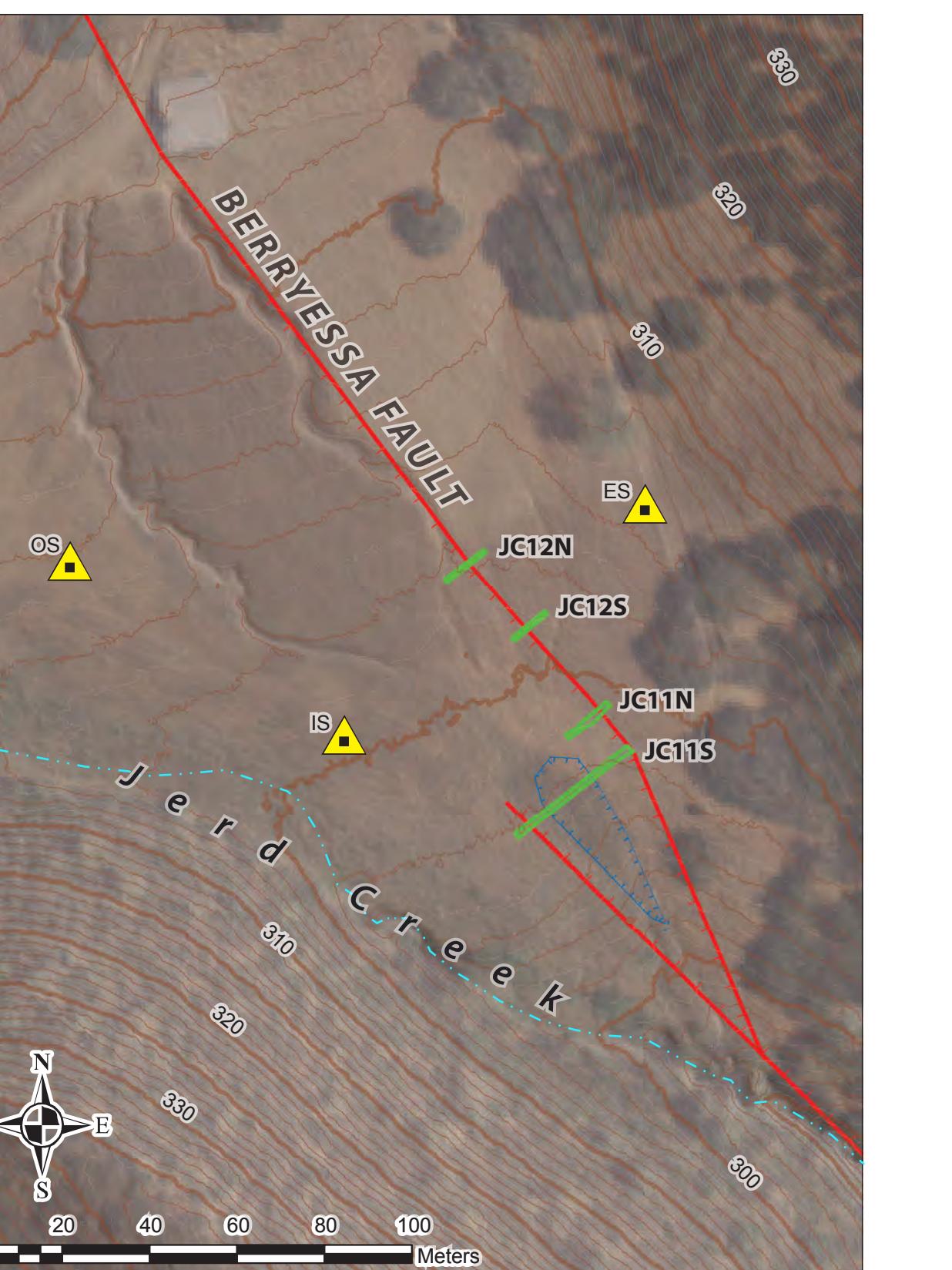




**Figure 1.** Location of Jerd Creek trench site (star) on the Berryessa Fault (BF). Holocene active faults (black lines) from USGS and CGS (2006) except for BSF (Bartlett Springs Fault; Lienkaemper, 2010) and BF (Berryessa Fault and adjacent parts of HCF, Hunting Creek Fault, and Green Valley Fault (GVF) north of WV, Wooden Valley; Lienkaemper, 2012). Largest discontinuities in the GVF from north to south: W, Wilson Valley; S, Stone Corral; C, Berryessa connector; A, Alamo stepover.

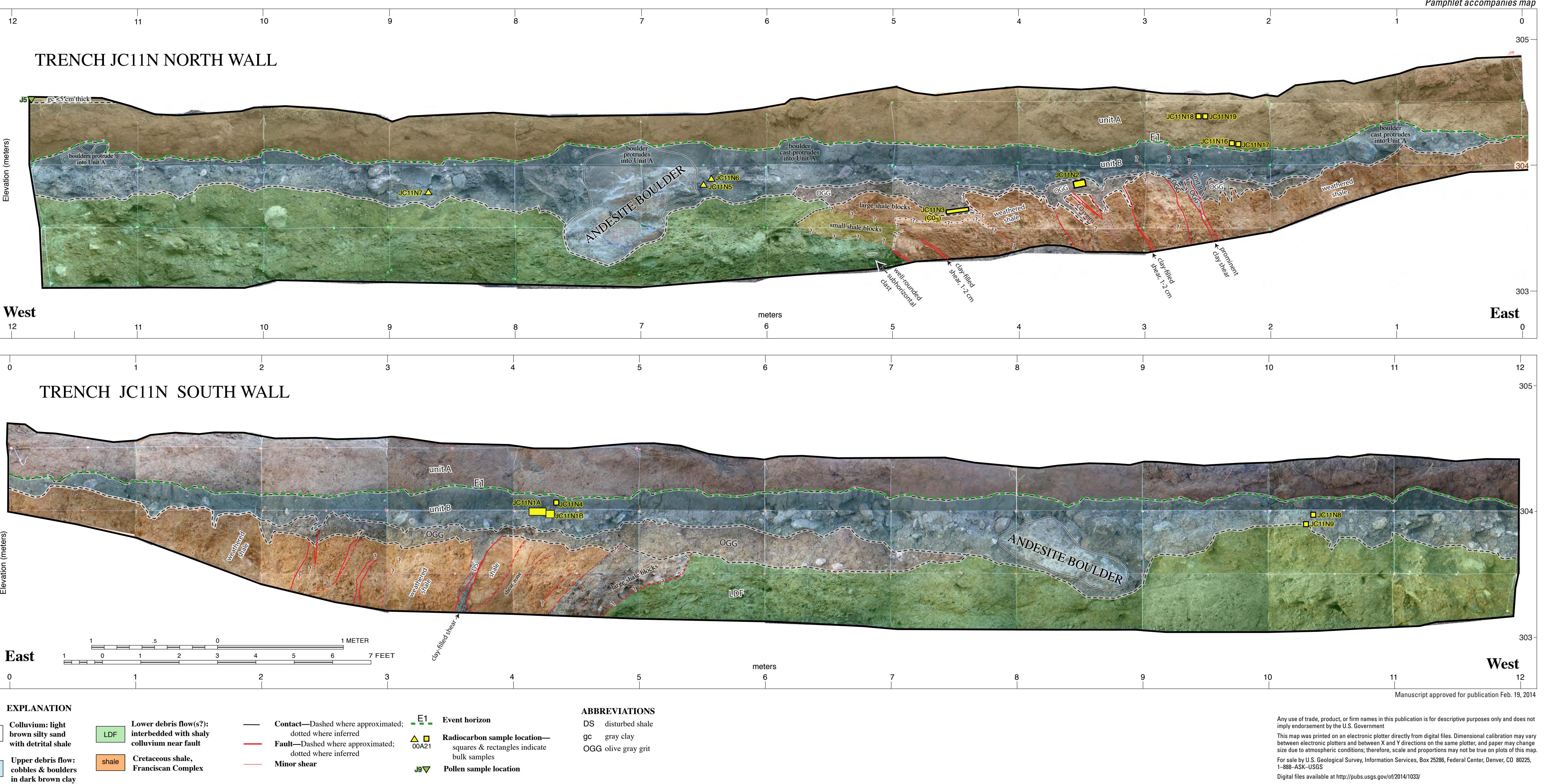


**Figure 2.** Map showing locations of 2011–12 trenches (green lines), at Jerd Creek trench site on the Berryessa Fault. Survey markers (yellow triangles) of the USGS alinement array BWJC (McFarland and others, 2014). IS mark is used as the control point for trench surveys: -122.342355°E, +38.654933°N (WGS84, elev. 305.2 m Geoid99). Contour intervals: thick brown (5 m), thin brown (1 m), faint brown (0.5 m). Fault location by geomorphic interpretation (Lienkaemper, 2012) and from trench exposures (this study). Base is 2009 NAIP 1-m color digital orthophoto map. Breached sag pond (thin dark blue line).

## Logs and Data from Trenches Across the Berryessa Fault at the Jerd Creek Site, Northeastern Napa County, California, 2011–2012

By

James J. Lienkaemper, Carla M. Rosa, Ian J. Cappelle, Evan M. Wolf, Nichole E. Kneprath,  
Lucille A. Piety, Sarah A. Derouin, Liam M. Reidy, Joanna L. Redwine, and Robert R. Sickler  
2014



Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government.  
This map was printed on an electronic printer directly from digital files. Dimensional calibration may vary between the electronic plot and the original map. Between X and Y directions on the same plane, and paper may change size due to printing conditions; therefore, scale and proportions may not be true on prints of this map.

For sale by U.S. Geological Survey, Information Services, Box 23286, Federal Center, Denver, CO 80225, 1-888-ASK-USGS

Digital files available at <http://pubs.usgs.gov/of/2014/1033/>

Suggested Citation: Lienkaemper, J.J., Rosa, C.M., Cappelle, I.J., Wolf, E.M., Kneprath, N.E., Piety, L.A., Derouin, S.A., Reidy, L.M., Redwine, J.L., and Sickler, R.R., 2014, Logs and data from trenches across the Berryessa Fault at Jerd Creek site, northeastern Napa County, California: U.S. Geological Survey Open-File Report 2014-1033, pamphlet 6, 4 sheets (<http://dx.doi.org/10.3133/of20141033>)

ISSN 2331-1258 (online)  
<http://dx.doi.org/10.3133/of20141033>

Manuscript approved for publication Feb. 19, 2014

Manuscript approved for publication Feb. 19, 2014